

PALLET FOR HANDLING ELECTRIC MOTOR ARMATURES ON AUTOMATIC PRODUCTION LINES

Abstract

A pallet for handling armatures (10) for electric motors on automatic production lines, having a shaft (12) on which an armature stack of ferromagnetic sheets (11) and a commutator (13) are driven. In particular, the pallet comprises a base (2) on which support means (5) are mounted for engaging with stack (11) of armature (10). The support means allow gripping means (30) to pick it up in a workstation. The pallet can receive armatures of a same family, with armature stack of diameter $D \pm \Delta$, with different shape and size and position of the shaft, or of the commutator, independently from whether the armature is wound or still to be wound. The pick up of the armature from the pallet can be made either from the above or from below. Also embodiments are provided for engaging with the shaft of the armature.